Index of Claims

| A | pp | lica | tio | n/C | ontr | ol | No |
|---|----|------|-----|-----|------|----|----|

10/732,996

Examiner
Tiffany L. Webb

Applicant(s)/Patent under Reexamination

SMITH, BRADLEY W.

Art Unit

3616

|   | 7 | Rejected |
|---|---|----------|
| i | 1 | Allowed  |

|   | _ | (Through numeral)<br>Cancelled |
|---|---|--------------------------------|
| i | ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla          | im       | Date           |              |          | Г               | lair           | n              | Date     |          |                |            |   |          |              | ٦        | C        | Date        |  |          |                   |           |          |          |          |  |  |  |  |                |  |          |          |          |
|--------------|----------|----------------|--------------|----------|-----------------|----------------|----------------|----------|----------|----------------|------------|---|----------|--------------|----------|----------|-------------|--|----------|-------------------|-----------|----------|----------|----------|--|--|--|--|----------------|--|----------|----------|----------|
| <u> </u>     |          |                | 8/16/06      | T        | Ť               |                |                | 7        | 1        | $\dashv$       |            | 7   | -1       | $\neg$       | $\neg$   | $\neg$   | Ť           | Ť  | Т        | Т                 | $\neg$    | ٦        |          |          |  |  |  | 7  | $\neg$         |  | $\neg$   | T        | $\neg$   |
| -a           | Original | 8              | 9            | 1        |                 | - 1            | - 1            | - 1      |          | -              | <u></u>    |   | Original | 1            |          |          | I           | ı  | -        | - 1               |           |          | <u>a</u> | Original |  | i  | 1  |  |                | - 1  | ı        | - 1      | - 1      |
| Final        | ᅙ        | 3/7/08         | 3            | 1        |                 | - 1            | - 1            | ı        |          |                | Final      |   | <u>.</u> |              | -        | J        | - 1         | - 1  | -        | - 1               |           |          | Final    | Ē        |  |  |  | •  | -              |  |          | - 1      | - 1      |
| •            | Ō        | ຕ              | S            |          | - 1             |                |                |          |          |                | 1 -        | ı   | 0        |              |          | - 1      | - 1         |  | - [      | - 1               |           | 1        | -        | 0        |  |  |  |  | - 1            |  | - 1      | - 1      | - 1      |
|              | 1        | +              | V            | -        | -+              | $\dashv$       | $\dashv$       | ᅱ        | $\dashv$ | ᅱ              | $\vdash$   | +   | 51       | ┪            | -        | ┪        | ┪           | ┪  | -†       | ╅                 | -+-       | ┪        | _        | 101      |  |  |  | _  | 寸              | 7  | 一        | 7        | ᅦ        |
|              | 2        | Ť              | ŏ            | ┪        | ┪               | ┥              | $\dashv$       | -        | -        | ᅱ              |            |   | 52       |              | -        | ┪        | ┪           | ┪  | -+       | +                 | +         | ┨        |          | 102      | Н  | $\overline{}$                                    | $\dashv$   | _  | ┪              | -  | 7        | 1        | $\dashv$ |
| <b></b> -    |          | $\blacksquare$ |              | +        | $\dashv$        |                |                | $\dashv$ | ┥        |                | $\vdash$   |   | 53       | -            | -        | ┪        | $\dashv$    | +  | -+       | +                 | +         | ┨        | -        | 103      | Н  | $\dashv$   | -  |  | -              | -  | ┪        | ┪        | $\dashv$ |
|              | 3        | +              | Ā            |          |                 |                | $\dashv$       |          | -        | $\dashv$       | -          |   | 53<br>54 |              | -        | ┥        | ┥           | ╛  | ∤-       | +                 |           | ┨        | $\vdash$ | 103      | $\vdash$   | -  |  |  |                | -1   | ┪        | ┪        | $\dashv$ |
| <u> </u>     | 4        | ۲              | Q            | -        |                 | $\dashv$       | -              | $\dashv$ | -        | ႕              | -          |   |          |              |          | ↤        |             | ┽  | $\dashv$ | $\dashv$          |           | 4        | $\vdash$ | 105      |  | $\dashv$   |  | -  | ᅥ              | -  | $\dashv$ | -        | $\dashv$ |
|              | 5        | ٠              | $\searrow$   | 4        | -               | $\dashv$       | _              | -        |          | -              | <b> </b> - |   | 55       |              | -        | -        | -           | +  | -+       | +                 |           | -        | -        | 105      |  | -  | -  |  | -+             |  | $\dashv$ | -1       | -        |
| ļ            | 6        | •              | Ŋ            | -        | -               |                | $\dashv$       | -        | -        | {              | -          | +   | 56       |              | -+       | -+       | $\dashv$    | 4  | $\dashv$ | +                 |           | 4        | -        | 107      | Н  |  | $\dashv$   | $\dashv$   | -              | ┥  |          | ┥        |          |
| <u> </u>     | 7        | *              | 0            | _        | _               | _              |                | _        |          | 4              | <b>—</b>   |   | 57       |              | -        |          |             | -  | -        | +                 | -         | 4        | -        |          | Н  |  | $\dashv$   | $\dashv$   |                | $\dashv$   | $\dashv$ | -+       | -        |
| <u> </u>     | 8        | +              | Q            | _        | _               | _              | _              | _        |          | -              |            |   | 58       |              | -        |          | -           | -  | -+       | $\dashv$          | -         | 4        | -        | 108      | Н  | _  | -  | $\dashv$   | $\dashv$       | ⊣  | -+       | ┥        |          |
|              | 9        | +              | δ            | _        | _               | $\blacksquare$ | _              | _        | _        | _              | <u> </u>   | 4-  | 59       | _            | _        | _        |             | -  | 4        | 4                 |           | 4        | -        | 109      | Н  |  | -  | $\vdash$   | -              | -  | -        | $\dashv$ |          |
| <u> </u>     | 10       | •              | 0            |          | _               |                |                |          |          | _              | <u> </u>   |   | 60       |              |          | _        |             | -4   | _        | 4                 | +         | 4        | -        | 110      | Ш  | Ш  | Н  | $\dashv$   |                |  | -        | -        |          |
| <u></u>      | 11       | +              | N            | _        | _               |                | Ш              | $\sqcup$ | _        | $\sqcup$       | _          |   | 61       | _            | Ц        | _        | _           | 4  | _        | -                 | +         | 4        |          | 111      | <u> </u>   | Щ  | $\vdash$   |  | $\dashv$       | _  | -        |          |          |
|              | 12       | +              | N            |          |                 |                |                | $\sqcup$ |          |                | _          |   | 62       | _            |          | _        | _           | _  | _        | 4                 | 4         | 4        | <u></u>  | 112      | <b> </b>   | Ш  |  | $\vdash$   | $\sqcup$       | -  |          |          | _        |
|              | 13       | +              | 2            |          | _[              |                |                | Ш        |          | ╝              |            |   | 63       |              |          |          | _           | _  | _        | 4                 | _         | 4        |          | 113      | $\vdash$   | Ш  | _  | H  | $\sqcup$       |  |          | 4        | _        |
|              | 14       | +              | 0            |          |                 |                |                |          |          |                |            |   | 64       |              |          |          |             | _  | _        | _                 | 4         | 4        | <u> </u> | 114      | $\vdash$   |  | <u> </u>   | Щ  | $\Box$         | $\square$  | 1        | 4        | _        |
|              | 15       | +              | a            |          | _]              |                |                |          |          |                |            |   | 65       |              |          |          | ᆜ           | _  | _        | _                 | 4         | 4        |          | 115      | <u> </u>   | _  | Щ  | Ш  | $\Box$         |  | _        | 4        |          |
|              | 16       | +              | n            |          |                 |                |                |          |          |                |            |   | 66       |              |          |          | _           |  | _        | _                 |           | _        |          | 116      |  | _  |  | Щ  |                |  | _        | _        | _        |
|              | 17       | +              | 11           |          |                 |                |                |          |          |                |            |   | 67       |              |          |          |             |  |          | $\perp$           | _ _       | 4        | L        | 117      | _  | Щ  | Ш  | Ш  | Ш              | Щ  | _        | _        | _        |
|              | 18       | +              | 7            |          |                 |                |                |          |          |                |            |   | 68       |              |          |          |             |  |          | $\perp I$         |           | ┛        | <u> </u> | 118      |  | <u> </u>   |  | Ш  | Ш              |  | _        | _        | _        |
|              | 19       | +              | =            |          |                 |                |                |          |          |                |            |   | 69       |              |          |          | $\Box$      | $\Box$   | $\Box$   | $oldsymbol{\bot}$ | $\perp$   | ⅃        |          | 119      |  |  |  |  | $\Box$         |  | Ц        | _        |          |
|              | 20       | +              | 2            | 一        |                 |                |                |          |          |                |            |   | 70       |              |          |          |             |  |          |                   | $\Box$    | J        |          | 120      |  |  | L  |  | $\Box$         |  | $\sqcup$ | _[       |          |
|              | 21       | +              | =            | ╗        |                 |                |                |          |          | $\neg$         |            | $\neg$  | 71       |              |          |          |             |  |          | $\Box$            | $\prod$   |          |          | 121      |  |  |  |  | $\Box$         | Ш  |          |          |          |
|              | 22       | 1              | 2            | 一        | $\neg$          |                | П              | П        |          | ヿ              |            |   | 72       |              |          |          |             |  |          | $\Box$            | $\Box$    |          |          | 122      | 匚  |  |  |  |                |  |          |          |          |
| $\Box$       | 23       | 1              | =            | $\dashv$ |                 |                |                | П        |          | $\neg$         |            |   | 73       |              |          |          |             |  |          | $\Box$            | T         |          |          | 123      |  |  |  |  |                |  |          |          |          |
|              | 24       | +              | D            | 一        | П               | М              | П              | М        |          |                |            |   | 74       |              |          |          |             |  |          | $\neg$            | $\neg$    | ٦        |          | 124      |  |  |  |  |                |  |          |          |          |
| <b>—</b>     | 25       | 1              | ø            | -        | _               |                |                | П        | $\Box$   | $\neg$         |            |   | 75       | П            |          |          |             | $\Box$   |          |                   |           | 7        |          | 125      |  |  | L  |  |                |  |          |          |          |
| $\vdash$     | 26       | +              | =            | -        |                 | П              | $\vdash$       | М        |          | $\dashv$       |            | 1   | 76       | П            | П        |          | $\Box$      | $\sqcap$   | 寸        |                   | 7         | ٦        |          | 126      | Г  | l  |  |  |                |  |          |          |          |
| <u> </u>     | 27       | +              | ء            | $\dashv$ | $\dashv$        | $\vdash$       | _              | М        | -        |                |            |   | 77       | Н            | $\vdash$ |          |             | Н  | ┪        | ┪                 | 十         | ┫        |          | 127      | П  |  |  |  | П              |  |          |          |          |
| -            | 28       | +              | 1            | -        |                 | -              | _              | Н        | -        | $\dashv$       | -          |   | 78       |              | H        | $\neg$   |             | $\vdash$   | 寸        | 寸                 | ┪         | ヿ        |          | 128      |  |  | Π  | Г  |                |  |          |          |          |
| $\vdash$     | 29       | +              | =            | $\dashv$ | Н               | ┢              | Н              | H        | $\dashv$ | $\dashv$       |            |   | 79       | $\vdash$     | Н        | $\Box$   | Н           | <del>                                     </del> | ᅥ        | -+                | $\top$    | ┪        |          | 129      | Г  |  | Г  | Ι_   | П              |  | П        | _        |          |
| <del> </del> | 30       | Ť              | H            | $\dashv$ | $\vdash$        | $\vdash$       |                | $\vdash$ |          | $\vdash$       | $\vdash$   |   | 80       |              | Н        | -        | М           | H  | ┪        | -                 | 十         | $\dashv$ |          | 130      | Т  | _  | Г  | Г  |                |  | П        | _        | _        |
|              | 31       | ⊢              | Н            | $\dashv$ | Н               | -              | -              | Н        | $\vdash$ | Н              | $\vdash$   |   | 81       | Н            | Н        | $\vdash$ | H           | H  |          | +                 | $\dashv$  | $\dashv$ |          | 131      | ऻ  | T  | <b>-</b>   | $\vdash$   | М              |  | Н        | _        |          |
| ⊢            | 32       | $\vdash$       | $\vdash$     |          | $\vdash \vdash$ | <del>   </del> | $\vdash$       | $\vdash$ | Н        | $\vdash$       |            |   | 82       | $\vdash$     | Н        | Н        | $\dashv$    | $\vdash \vdash$                                  | -1       |                   |           | ᅥ        | -        | 132      | 1-   | _  | <del>                                     </del> |  | Η              | <b>-</b> -                                       | М        |          |          |
| -            | 33       | $\vdash$       | Н            | $\dashv$ | ⊢⊣              | -              | -              | $\vdash$ | Н        | Н              | $\vdash$   |   | 83       | <del> </del> | Н        | Н        | Н           | $\vdash$   |          |                   | +         | $\dashv$ | -        | 133      | $\vdash$   | <del>                                     </del> | 1  | -  | Н              | П  | М        |          | _        |
| $\vdash$     | 34       | <del> </del>   | $\vdash$     | -        |                 | $\vdash$       | H              | Н        | Н        | Н              |            |   | 84       | Η-           | Н        | Н        | -           | $\vdash$   | $\dashv$ | $\dashv$          | $\dashv$  | $\dashv$ | -        | 134      | <del> </del>                                     | <del>                                     </del> | $\vdash$   | <u> </u>   | П              | П  | Н        | _        |          |
| <b>-</b>     | 35       | $\vdash$       | $\vdash$     | $\vdash$ | -               | -              | ├-             | -        | Н        | Н              | $\vdash$   |   | 85       | $\vdash$     | Н        | Н        | -           | $\vdash$   |          | -                 | +         | $\dashv$ | -        | 135      | т  | $\vdash$   |  | $\vdash$   | $\vdash$       |  | М        | _        |          |
| <u> </u>     |          | ├              | $\vdash$     | Н        | -               | ├              | $\vdash$       | $\vdash$ | $\vdash$ | ${\mathbb H}$  | -          |   | 86       |              | Н        | Н        | Н           | ┝╌┤  | -        |                   | +         | $\dashv$ |          | 136      | <del>                                     </del> | $t^-$  | 1  | <del>                                     </del> |                | Н  | Н        | _        |          |
|              | 36       | ⊢              | Н            | Н        | Н               | $\vdash$       | H              | -        | Н        | ⊢⊢             | $\vdash$   |   | 87       | H            | $\vdash$ | $\vdash$ |             | $\vdash$   |          |                   | +         | $\dashv$ | -        | 137      | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$       | <del>                                     </del> | H        | _        |          |
| <u></u>      | 37       | -              |              | $\vdash$ | -               | -              | ├              | -        |          | $\vdash$       | .          |   | 88       |              | -        | $\vdash$ | $\vdash$    | $\vdash$   | -1       |                   | -         | $\dashv$ | -        | 138      | ╁╴   | $\vdash$   | $\vdash$   | <del>                                     </del> | -              | $\vdash$   | Н        |          | _        |
|              | 38       | -              | Н            | Щ        | Н               | $\vdash$       | ⊢              | -        |          | $\vdash\dashv$ | <u> </u>   | +   |          | -            | $\vdash$ | $\vdash$ | H           | $\vdash \vdash$                                  | $\dashv$ |                   | -+-       | $\dashv$ |          | 139      | ╁  | +-   | <del>                                     </del> | $\vdash$   |                | $\vdash$   | Н        |          |          |
| -            | 39       | ├-             | Н            | $\dashv$ | Щ               | <b> </b>       |                |          |          | ⊢⊢             |            | -   | 89       | <del> </del> |          | -        | $\vdash$    | H  | $\dashv$ | $\dashv$          | +         | $\dashv$ |          | 140      | $\vdash$   | ╁  | ├  | <del> </del>                                     | -              | -  | $\vdash$ | _        | -        |
| <u></u>      | 40       | ⊢              | $\sqcup$     | Щ        | Ш               | _              |                | <u> </u> | L        | Щ              | <b> </b> _ | -   | 90       | <u> </u>     | -        | ⊢        | <b> </b>    | $\vdash$   |          | -                 | -         | $\dashv$ | -        |          | +  | ╁  | -  | ├-   | -              | $\vdash$   | $\vdash$ |          | $\vdash$ |
|              | 41       | <b>!</b>       | Ш            | $\Box$   | لسا             | <del> </del>   | <del> </del> _ | <b>—</b> | <u> </u> | Ш              | <b> </b>   | _   | 91       | <u> </u>     | H        | <b> </b> | <u> </u>    | ┞╌┤  | 4        |                   | +         | -        | -        | 141      |  | +-   | ⊢  | <del> </del>                                     | $\vdash$       | $\vdash$   | Н        | _        | -        |
|              | 42       | ╙              | L            | Щ        | $\vdash$        | <u> </u>       | ┡              | <u> </u> |          | Ш              | <u> </u>   | -   | 92       | $\vdash$     |          | ⊢        | <b> -</b> - | ⊢  |          |                   | -         | $\dashv$ | <u> </u> |          | +  | ⊢  | ╀  | ├  | -              | -  | -        |          | H        |
| <u></u>      | 43       | ┞.             | $\vdash$     | Ш        | _               | <u> </u>       | <b>!</b>       | <u> </u> | <u> </u> | Ш              | <u> </u>   | 4   | 93       | <b> </b>     | -        | <u> </u> | <u> — </u>  | $\vdash \vdash$                                  |          |                   | -         | _        | <u> </u> | 143      | $\vdash$   | ├  | ├  | ├  | <del> </del> - | -  | H        | _        | -        |
|              | 44       | ╙              | oxdot        | Ш        | L_              | L              | _              |          | _        | Ш              |            | 4   | 94       | _            | $\vdash$ | <b>L</b> | <b>!</b>    | $\sqcup$   |          | _                 | 4         | 4        | <u> </u> | 144      |  | ├  | -  | $\vdash$   |                |  | -        | -        | -        |
|              | 45       | $oxed{\Box}$   | $oxed{\Box}$ |          | L               | L              | _              | _        | L        | Ш              |            |   | 95       | L_           |          | L        | <u> </u>    | $\sqcup$   | Ц        | _                 |           | _        | $\vdash$ | 145      | ↓_   | -  | ⊢  | <del> </del>                                     | -              | 1  | <b>—</b> | <u> </u> | -        |
|              | 46       |                |              |          | Ĺ               | Ĺ              | Ĺ              | L        | L        |                |            |   | 96       | <u> </u>     | <u>_</u> | L        | <u> </u>    | Ш  |          | _                 | 4         | _        | <u></u>  | 146      | 1  | 1  | -  | 1  | <b>!</b>       | ₩  | $\vdash$ |          | <u> </u> |
|              | 47       |                |              |          |                 |                | Ľ              |          |          |                |            |   | 97       | L_           | L        | L        | L           | Ш  |          |                   | $\perp$   | _        | <u> </u> | 147      | ↓_   | ↓_   | <b> </b> _                                       | ┞  | ┞              | L  | <b> </b> |          | -        |
|              | 48       | $\Box$         |              |          |                 | $\Box$         |                |          |          |                |            | $oldsymbol{ol}oldsymbol{ol}oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}$ | 98       |              | L        | 匚        | $\Box$      |  |          |                   | $\perp$   |          |          | 148      | 1_   | ╙  | ↓_   | <u> </u>   | <u></u>        | ــــ   | _        | _        | <u> </u> |
|              | 49       |                |              |          |                 |                |                |          |          |                |            |   | 99       |              |          |          |             | $\Box$   |          |                   |           |          |          | 149      |  | <u> </u>   | _  | Ļ.   | <b>!</b>       | <u> </u>   | _        | _        | L        |
|              | 50       |                |              |          |                 | Г              |                |          |          |                |            | $\Box$  | 100      |              |          |          |             |  |          |                   | $_{ m I}$ |          |          | 150      | L  | ⊥_   | 1_   | L  | _              | L  | L        | L.       | L_       |